```
### Status: Path 1 of [Dialog Information Services via Modem]

### Status: Initializing TCP/IP using (UseTelnetProto 1 ServiceID dialog.com)
Trying 31060000009999...Open


DIALOG INFORMATION SERVICES
PLEASE LOGON:
 ******** HHHHHHHH SSSSSSSS?
### Status: Signing onto Dialog
 ********
ENTER PASSWORD:
 ******** HHHHHHHH SSSSSSSS? ********
Password incorrect
### Status: Incorrect Account Password.

### Status: Incorrect Account Password.

### Status: Path 1 of [Dialog Information Services via Modem]

### Status: Initializing TCP/IP using (UseTelnetProto 1 ServiceID dialog.com)
Trying 31060000009999...Open


DIALOG INFORMATION SERVICES
PLEASE LOGON:
 ******** HHHHHHHH SSSSSSSS?
### Status: Signing onto Dialog
 ********
ENTER PASSWORD:
 ******** HHHHHHHH SSSSSSSS? ********
Welcome to DIALOG
### Status: Connected



Dialog level 02.09.15D

Last logoff:  05sep02 07:04:52
Logon file405 20sep02 09:10:17
               *** ANNOUNCEMENT ***
                     ***
--As of October 1, 2002, the following files from Cambridge Scientific
Abstracts (CSA) will no longer be available: 14, 28, 32, 33, 36, 37,
41, 44, 56, 61, 76, 77, 108, 117, 232, 238, 269, 293, 335.  Please
enter HELP CSA plus the file number to identify alternative sources
of information.  Example: HELP CSA 14.
                     ***
--File 515 D&B Dun's Electronic Business Directory is now online
completely updated and redesigned. For details, see HELP NEWS 515.
                     ***
--File 990 - NewsRoom now contains May 2002 to present records.
File 993 - NewsRoom archive contains 2002 records from January 2002-
April 2002. To search all 2002 records, BEGIN 990,993 or B NEWS2002.
                     ***
--Alerts have been enhanced to allow a single Alert profile to be
stored and run against multiple files. Duplicate removal is available
across files and for up to 12 months. The Alert may be run according
to the file's update frequency or according to a custom
calendar-based schedule. There are no additional prices for these
enhanced features. See HELP ALERT for more information.
                     ***
--U.S. Patents Fulltext (File 654) has been redesigned with
new search and display features.  See HELP NEWS 654 for
information.
                     ***
--Connect Time joins DialUnits as pricing
options on Dialog.  See HELP CONNECT for
information.
```

```
                     ***
--CLAIMS/US Patents (Files 340,341, 942) have been enhanced
with both application and grant publication level in a
single record.  See HELP NEWS 340 for information.
                     ***
--SourceOne patents are now delivered to your
email inbox as PDF replacing TIFF delivery.
See HELP SOURCE1 for more information.
                     ***
--Important news for public and academic
libraries.  See HELP LIBRARY for more information.
                     ***
--Important Notice to Freelance Authors--
See HELP FREELANCE for more information
                     ***
For information about the access to file 43 please see Help News43.
***
NEW FILES RELEASED
***Dialog NewsRoom - Current 3-4 months (File 990)
***Dialog NewsRoom - 2002 Archive (File 993)
***Dialog NewsRoom - 2001 Archive (File 994)
***Dialog NewsRoom - 2000 Archive (File 995)
***TRADEMARKSCAN-Finland (File 679)
***TRADEMARKSCAN-Norway  (File 678)
***TRADEMARKSCAN-Sweden  (File 675)
                     ***
UPDATING RESUMED
***Delphes European Business (File 481)
                     ***
RELOADED
***D&B Dun's Electronic Business Directory (File 515)
***U.S. Patents Fulltext 1976-current (File 654)
***Population Demographics (File 581)
***Kompass Western Europe (File 590)
***D&B - Dun's Market Identifiers   (File 516)
***PsycINFO (File 11)


REMOVED
***Chicago Tribune (File 632)
***Fort Lauderdale Sun Sentinel (File 497)
***The Orlando Sentinel (File 705)
***Newport News Daily Press (File 747)
***U.S. Patents Fulltext 1980-1989 (File 653)
***Washington Post (File 146)
***Books in Print (File 470)
***Court Filings (File 793)
***Microcomputer Software Guide Online (File 278)
***Publishers, Distributors & Wholesalers of the U.S. (File 450)
***State Tax Today (File 791)
***Tax Notes Today (File 790)
***Worldwide Tax Daily (File 792)


***New document supplier***
IMED has been changed to INFOTRIE (see HELP OINFOTRI)



     >>> Enter BEGIN HOMEBASE for Dialog Announcements <<<
     >>>     of new databases, price changes, etc.       <<<
                     ****
***                                        ***
SYSTEM:HOME
Cost is in DialUnits
Menu System II: D2 version 1.7.8 term=ASCII
                  *** DIALOG HOMEBASE(SM) Main Menu ***

 Information:
  1. Announcements (new files, reloads, etc.)
```

2. Database, Rates, & Command Descriptions
    3. Help in Choosing Databases for Your Topic
    4. Customer Services (telephone assistance, training, seminars, etc.)
    5. Product Descriptions

Connections:
    6. DIALOG(R) Document Delivery
    7. Data Star(R)

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     /H = Help   /L = Logoff   /NOMENU = Command Mode

Enter an option number to view information or to connect to an online
 service. Enter a BEGIN command plus a file number to search a database
(e.g., B1 for ERIC).
?b 2,6,8,34,434,65,77,99,144,94,233,238,266,239,275,621,636,647,674,696

        20sep02 09:11:53 User264815 Session D10.1
            $0.00   0.161 DialUnits FileHomeBase
     $0.00   Estimated cost FileHomeBase
     $0.43   TELNET
     $0.43   Estimated cost this search
     $0.43   Estimated total session cost   0.161 DialUnits

SYSTEM:OS - DIALOG OneSearch
   File   2:INSPEC 1969-2002/Sep W3
          (c) 2002 Institution of Electrical Engineers
File   2: Alert feature enhanced for multiple files, duplicates
removal, customized scheduling. See HELP ALERT.
   File   6:NTIS 1964-2002/Sep W4
          (c) 2002 NTIS, Intl Cpyrght All Rights Res
File   6: Alert feature enhanced for multiple files, duplicates
removal, customized scheduling. See HELP ALERT.
   File   8:Ei Compendex(R) 1970-2002/Sep W3
          (c) 2002 Engineering Info. Inc.
File   8: Alert feature enhanced for multiple files, duplicates
removal, customized scheduling. See HELP ALERT.
   File   34:SciSearch(R) Cited Ref Sci 1990-2002/Sep W4
          (c) 2002 Inst for Sci Info
File   34: Alert feature enhanced for multiple files, duplicates
removal, customized scheduling. See HELP ALERT.
   File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
          (c) 1998 Inst for Sci Info
   File   65:Inside Conferences 1993-2002/Sep W3
          (c) 2002 BLDSC all rts. reserv.
   File   77:Conference Papers Index 1973-2002/Sep
          (c) 2002 Cambridge Sci Abs
File   77: As of October 1, 2002,Conference Papers Index will no longer
be available. See HELP CSA77 for a list of alternative files.
   File   99:Wilson Appl. Sci & Tech Abs 1983-2002/Aug
          (c) 2002 The HW Wilson Co.
   File 144:Pascal 1973-2002/Sep W3
          (c) 2002 INIST/CNRS
   File   94:JICST-EPlus 1985-2002/Jul W4
          (c)2002 Japan Science and Tech Corp(JST)
File   94: There is no data missing. UDs have been adjusted to reflect
 the current months data. See Help News94 for details.
   File 233:Internet & Personal Comp. Abs. 1981-2002/Sep
          (c) 2002 Info. Today Inc.
   File 238:Abs. in New Tech & Eng. 1981-2002/Sep
          (c) 2002 Cambridge Scient. Abstr
File 238: As of October 1, 2002,ANTE will no longer be available. See
HELP CSA238 for a list of alternative files.
   File 266:FEDRIP 2002/Jul

File 239:Mathsci 1940-2002/Oct
        (c) 2002 American Mathematical Society
File 275:Gale Group Computer DB(TM) 1983-2002/Sep 20
        (c) 2002 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2002/Sep 19
        (c) 2002 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2002/Sep 20
        (c) 2002 The Gale Group
File 647:CMP Computer Fulltext 1988-2002/Sep W1
        (c) 2002 CMP Media, LLC
File 674:Computer News Fulltext 1989-2002/Sep W3
        (c) 2002 IDG Communications
File 696:DIALOG Telecom. Newsletters 1995-2002/Sep 19
        (c) 2002 The Dialog Corp.

        Set   Items   Description
        ---   -----   -----------
?e au=epstein michael

Ref   Items   Index-term
E1   1   AU=EPSTEIN MI
E2   9 *AU=EPSTEIN MICHAEL
E3   1   AU=EPSTEIN MICHAEL J
E4   1   AU=EPSTEIN MICHAEL L
E5   4   AU=EPSTEIN MICHAEL P
E6   2   AU=EPSTEIN MICHAEL R
E7   1   AU=EPSTEIN MICHELLE M
E8   1   AU=EPSTEIN MIKE
E9   6   AU=EPSTEIN MJ
E10   130   AU=EPSTEIN ML
E11   23   AU=EPSTEIN MM
E12   3   AU=EPSTEIN MN

        Enter P or PAGE for more
?s e2
     S1   9 AU='EPSTEIN MICHAEL'
?t s1/6,k/all
>>>KWIC option is not available in file(s): 77

1/6,K/1   (Item 1 from file: 144)
DIALOG(R)File 144:(c) 2002 INIST/CNRS. All rts. reserv.

  15592231   PASCAL No.: 02-0294019
  Modeling of hydrogen flame propagation in multicompartment buildings
  2002

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  LUANGDILOK Wison; MOROTA Hidetsugu; **EPSTEIN Michael**

1/6,K/2   (Item 2 from file: 144)
DIALOG(R)File 144:(c) 2002 INIST/CNRS. All rts. reserv.

  15580780   PASCAL No.: 02-0281680
  **Mass of flammable material produced by continuous fuel-gas and volatile
liquid-fuel releases**
  2001

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  EPSTEIN Michael ; FAUSKE Hans K

1/6,K/3   (Item 3 from file: 144)
DIALOG(R)File 144:(c) 2002 INIST/CNRS. All rts. reserv.

15384449   PASCAL No.: 02-0072919
The optics of the solar tower reflector
Selected Proceedings of EuroSun 2000 ISES-Europe Solar Congress,
Copenhagen, Denmark, June 2000
   2000

   SEGAL Akiba; **EPSTEIN Michael**

1/6,K/4   (Item 4 from file: 144)
DIALOG(R)File 144:(c) 2002 INIST/CNRS. All rts. reserv.

   15364703   PASCAL No.: 02-0052528
   Liquid entrainment by an expanding core disruptive accident bubble: a
Kelvin/Helmholtz phenomenon
   2001

   EPSTEIN Michael ; FAUSKE Hans K; KUBO Shigenobu; NAKAMURA Toshio; KOYAMA
Kazuya

1/6,K/5   (Item 5 from file: 144)
DIALOG(R)File 144:(c) 2002 INIST/CNRS. All rts. reserv.

   15363784   PASCAL No.: 02-0051507
   Liquid-liquid interface stability in accelerating and constant-velocity
tube flows
   2001

   EPSTEIN Michael ; BURELBACH James P; FAUSKE Hans K; KUBO Shigenobu;
KOYAMA Kazuya

1/6,K/6   (Item 6 from file: 144)
DIALOG(R)File 144:(c) 2002 INIST/CNRS. All rts. reserv.

   15226514   PASCAL No.: 01-0393222
   Carbothermal reduction of alkali hydroxides using concentrated solar
energy
   2001

   EPSTEIN Michael ; YOGEV Amnon; CHENGCAI YAO; BERMAN Alexander

1/6,K/7   (Item 7 from file: 144)
DIALOG(R)File 144:(c) 2002 INIST/CNRS. All rts. reserv.

   15107347   PASCAL No.: 01-0267767
   Solar upgrading of fuels for generation of electricity
   Solar Thermochemical Processing
   2001

   TAMME Rainer; BUCK Reiner; **EPSTEIN Michael** ; FISHER Uriyel; SUGARMEN
Chemi

15090677   PASCAL No.: 01-0250380
Loudness functions for long and short tones
2001-05-01

FLORENTINE Mary; **EPSTEIN Michael** ; BUUS Soren

14919214   PASCAL No.: 01-0069211
Vertical mixing above a steady circular source of buoyancy
2001

EPSTEIN Michael ; BURELBACH James P
?ds

```
Set       Items    Description
S1           9     AU='EPSTEIN MICHAEL'
?s e1
     S2        1   AU='EPSTEIN MI'
?t s2/6,k/all
>>>KWIC option is not available in file(s): 77
```

01585311   Genuine Article#: DL456   Number of References: 5
Title: LARGE-SCREEN VISUALIZER

Author(s): ZAITSEV LM; KLYUCHNIKOV VM; SONIN AS; STEPANOV BM; **EPSTEIN MI**
```
?s (destroy? or delet? or eras? or discard? or destruct?)(3n)(private key?)
         123436  DESTROY?
         238160  DELET?
          52594  ERAS?
          30568  DISCARD?
         231154  DESTRUCT?
            430  PRIVATE KEY?
     S3       0  (DESTROY? OR DELET? OR ERAS? OR DISCARD? OR
                 DESTRUCT?)(3N)(PRIVATE KEY?)
?s (transmit? or send? or receiv?)(3n)(private key?)
Processed  10 of  20 files ...
Processing
Completed processing all files
         519464  TRANSMIT?
         386491  SEND?
        2154521  RECEIV?
            430  PRIVATE KEY?
     S4       1  (TRANSMIT? OR SEND? OR RECEIV?)(3N)(PRIVATE KEY?)
?
```

```
s ((decrypt? or dcipher? or decod?)(2a)(private key))(p)(user ID or bio? or
ID or password)

          3453 DECRYPT?
             0 DCIPHER?
        104445 DECOD?
         17780 PRIVATE
        175204 KEY
           792 PRIVATE KEY
                 (PRIVATE(W)KEY)
        307320 USER
         55517 ID
          1107 USER ID
                 (USER(W)ID)
TERM 'BIO?' EXCEEDED TRUNCATION LIMITS - SEARCH ENDED

=> s ((decrypt? or decipher? or decod?)(2a)(private key))(p)(user ID or
biometric or ID or password)

          3453 DECRYPT?
          3004 DECIPHER?
        104445 DECOD?
         17780 PRIVATE
        175204 KEY
           792 PRIVATE KEY
                 (PRIVATE(W)KEY)
        307320 USER
         55517 ID
          1107 USER ID
                 (USER(W)ID)
           311 BIOMETRIC
         55517 ID
          4832 PASSWORD
L1          27 ((DECRYPT? OR DECIPHER? OR DECOD?)(2A)(PRIVATE KEY))(P)(USE
R I
```

A vulnerability of this password-based authentication is that the
encrypted private key is **transmitted** over the network
from the remote server to the workstation. Because knowledge of the
password is not needed to initiate.   .   .

=> d 11 4 kwic

SUMMARY:

BSUM(15)

 In this password-based authentication system, the **encrypted
private key** is **transmitted** over the network from the
directory server to the workstation. Since knowledge of the password is
not needed to initiate.   .   .